

ABSTRACT OF THE DISCLOSURE

A balancing network has three planar lines which are coupled together. One end of the first line which runs between the second and the third line acts as an unbalanced gate. The opposite end of the first line is connected to earth, and one end of each of the other two lines forms a balanced gate. The balancing network is decoupled from the direct current source. The ends of the second and third lines, which do not act as gates, are capacitively coupled with one another.